

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	control system manual setting and "062".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:05
S2	0	control system and "062".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:03
S3	0	control system and "62".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:03
S4	0	"062".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:03
S5	132227	refrigerator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:04
S6	0	(refrigerator) and "62".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:05
S7	20924	(refrigerator) and "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:05
S8	0	control system manual setting and "062".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:05

## EAST Search History

S9	0	control system manual setting and "62".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:05
S10	1473	control system manual setting and "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:08
S11	197	control system manual setting and "62".clas. and automo\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:09
S12	830820	control system manual setting and "62".clas. and automo\$4 or car	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:10
S13	326	control system manual setting and "62".clas. and (auto\$4 or car)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:14
S14	287	control system manual setting and "62".clas. and (auto\$4 or car) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:23
S15	130	variable control system manual setting and "62".clas. and (auto\$4 or car) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:35
S16	4	(variable and learn\$5) and control system manual setting and "62".clas. and (auto\$4 or car) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:43

## EAST Search History

S17	2	("7028493").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 10:46
S18	295	air conditioner variable learning rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:47
S19	28	air conditioner variable learning rate @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:50
S20	1	air conditioner variable learning rate @py<"1994" "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 10:51
S21	54	((air adj control) adj system) "62". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 11:00
S22	23	((air adj control) adj system) "62". clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 11:03
S23	37	((air near control) near system) "62".clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 10:34
S24	0	((air near control) near system) and ((variable near learn\$4) and rate) "62".clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 11:04

## EAST Search History

S25	0	((air near control) near system) and (variable near learn\$4) "62".clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 11:05
S26	0	((air near control) near system) and (variable learning rate) "62".clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 11:05
S27	4	((air near control) near system) and car "62".clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 12:00
S28	10	((air near control) near system) and (automo\$4 or car) "62".clas. @py<"1994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/08 12:01
S29	2	("20010045099"   "6059018").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 09:46
S30	0	(variable and learn\$4 and rate) and (62/161,162,244.clas.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 09:49
S31	0	62/161,162,244.clas.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 09:48
S32	1817	62/161,162,244.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 09:48
S33	2	(variable and learn\$4 and rate) and (62/161,162,244.ccls.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 12:47
S34	0	(variable and learning and rate) and (62/161,162,244.ccls.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 10:01
S35	4	(learning and rate) and (62/161, 162,244.ccls.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 10:40

## EAST Search History

S36	0	("8197933").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 10:18
S37	4	(learning and rate) and (62/161, 162,244.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 10:18
S38	0	("2002-366859").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 10:40
S39	1	(variable adj learn\$4 adj rate) and ("62".clas.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 12:48
S40	0	(variable adj learn\$4 adj rate) and ("62".ccls.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 12:48
S41	0	(variable adj learn\$4) and ("62". ccls.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 12:48
S42	1	(variable adj learn\$4) and ("62". clas.)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 12:49
S43	1	(variable adj learn\$4 adj rate) and ("62".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 12:48
S44	1	(variable adj learn\$4) and ("62". clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 12:50
S45	2	("6659360").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 12:50

## EAST Search History

S46	10	("3315730"   "3403855"   "4311188"   "4335847"   "4344565"   "4345714"   "4358050"   "4364513").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 12:59
S47	7	(variable adj learn\$5 adj rate) and control	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 13:00
S48	7	(variable adj learn\$5 adj rate) and control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 13:47
S49	0	("2005/0077037").URPN.	USPAT	AND	OFF	2006/09/11 13:46
S50	0	("2005/0077037").URPN.	USPAT	AND	OFF	2006/09/11 13:46
S51	0	("2005/0077037").URPN.	USPAT	AND	OFF	2006/09/11 13:46
S52	3	("6705098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 13:47
S53	3	("5088298"   "5676204"   "6488213").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 13:57
S54	15	variable adj learn\$5 adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 14:14
S55	13228	variable learning rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 14:14
S56	62	variable learning rate "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 14:15
S57	60	air variable learning rate "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 14:15

## EAST Search History

S58	59	control air variable learning rate "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 15:02
S59	0	("2005/0077037").URPN.	USPAT	AND	OFF	2006/09/11 14:42
S60	22	auto control air variable learning rate "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 15:13
S61	15	variable adj learning adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 15:22
S62	0	("2005/0077037").URPN.	USPAT	AND	OFF	2006/09/11 15:18
S63	0	("2005/0077037").URPN.	USPAT	AND	OFF	2006/09/11 15:18
S64	63	(first input) and (62/132.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 15:25
S65	2	(first adj input) and (62/132.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 15:35
S66	2	(second adj input) and (62/132.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/11 16:31
S67	2	("6498958").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 16:31
S68	0	("6498958").URPN.	USPAT	AND	OFF	2006/09/11 17:06
S69	6	("4205381"   "4811257"   "4873649"   "4897798"   "5715165"   "5748508").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/11 17:06

## EAST Search History

S70	39084	kawai.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/12 12:29
S71	143	kawai.in. "62".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/12 12:29
S72	26	kawai.in. "62".clas. variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/12 12:29
S73	6	("4205381"   "4811257"   "4873649"   "4897798"   "5715165"   "5748508").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/13 11:58
S74	37	(second input) and 62/1621,162, 163,164.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 12:00
S75	3	(magnitude second input) and 62/1621,162,163,164.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 12:01
S76	3	(time magnitude second input) and 62/1621,162,163,164.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 12:02
S77	1	(time magnitude) and (second adj input) and 62/1621,162,163,164. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 14:01
S78	5	(variable with learning with time with input) and (62/161,162,163, 164.ccls. or 700/47,28,299,300,276. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 14:30



## EAST Search History

S79	22	(learn\$3 near time) and (62/161, 162,163,164.ccls. or 700/47,28,299, 300,276.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 14:34
S80	10	(learn\$3 near time) and (62/161, 162,163,164.ccls. or 700/47,28,299, 300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 16:05
S81	0	(learn\$3 near (time adj value)) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 14:47
S82	11	(learn\$3 near time) and (62/161, 162,163,164,157,231.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 15:36
S83	6	(variable and learn\$3 and rate (learn\$3 near time)) and (62/161, 162,163,164,157,231.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 15:40
S84	6	(variable and learn\$3 and rate and (learn\$3 near time)) and (62/161, 162,163,164,157,231.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 15:41
S85	6	(variable and rate) and (learn\$3 near time) and (62/161,162,163, 164,157,231.ccls. or 700/47,28,299, 300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 15:42
S86	78	(variable learning) and (time) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 16:03

## EAST Search History

S87	0	(variable adj learning) and (time) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 16:03
S88	0	(variable adj learn) and (time) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 16:04
S89	0	(variable near learning) and (time) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 16:04
S90	1	(variable near learn) and (time) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/13 16:04
S91	7	variable and (learn\$3 near time) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 13:04
S92	2	("6435417").URPN.	USPAT	AND	OFF	2006/09/13 16:11
S93	5	("5078316"   "5486998"   "5511724"   "5579994"   "6095426").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/13 16:12
S94	2	("6435417").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 10:34
S95	0	(variable same learn\$3 same rate same equation) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 13:05

## EAST Search History

S96	1	(variable same learn same equation) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 13:07
S97	16	(learn\$3 same equation) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 13:10
S98	79	(variable same equation) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 13:15
S99	7	(variable same equation) and (learn) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 15:39
S100	41	(least square curve) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 15:40
S101	16	(control characteristic least square curve) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 15:42
S102	0	(control characteristic) and (least near square near curve) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 15:44
S103	0	(control characteristic) and (least adj (square adj curve)) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 15:44

## EAST Search History

S10 4	1	(least adj (square adj curve)) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:44
S10 5	3	("6705098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:42
S10 6	2	("6616057").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:43
S10 7	2	("5511724").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:43
S10 8	0	(ambient sun load temperature humidity) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:45
S10 9	147	( humidity) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:45
S11 0	58	(humidity ambient) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:45
S11 1	1	(humidity ambient sun) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:49

## EAST Search History

S11 2	56	(humidity ambient temperature) and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:49
S11 3	2	(humidity ambient temperature).ab. and (62/161,162,163,164.ccls. or 700/47,28,299,300,276.ccls.) and @py<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/09/14 16:49